

**Focus Statement:** Students will solve basic multiplication and division problems and apply knowledge of facts to problem-solving and real world situations.

Throughout all outcomes, third grade students will use problem solving strategies of mental math, estimation, choose the operation, draw a picture and guess and check ( in addition, to problem solving strategies from previous grades).

**M.3.1 Students will analyze and interpret pictographs, tables, bar graphs and line graphs.**

M.3.1.1 Distinguish a line graph from other graphs and create an example.

M.3.1.2 Select a question and determine a method to collect data.

M.3.1.3 Utilize pictures, tallies, and tables to organize and display data.

M.3.1.4 Create pictograph, bar graph, or line graph using the data.

**M.3.2 Students will compare and order whole numbers to the hundred thousands place.**

M.3.2.1 Determine the place value to the hundred thousands.

M.3.2.2 Read and write the numbers to the hundred thousands place.

M.3.2.3 Compare and order numbers to the hundred thousands using  $<$ ,  $>$ , and  $=$ .

M.3.2.4 Estimate by rounding to the nearest hundred place.

**M.3.3 Students will add and subtract 3 digit whole numbers and money with regrouping over more than one place.**

M.3.3.1 Estimate by rounding sums and differences to the nearest hundred.

M.3.3.2 Select the appropriate operation (addition, subtraction) when problem solving with three digits including regrouping.

M.3.3.3 Solve addition and subtraction problems involving money into the ten dollar place.

M.3.3.4 Use a calculator to find addition and subtraction patterns up to three digits to check computation.

**M.3.4 Students will solve multiplication problems in real world situations.**